Jian Dong

List of Publications by Year
in descending order

19 papers	83 citations	1683354 5 h-index	1473754 9 g-index
19 all docs	19 docs citations	19 times ranked	75 citing authors

#	Article	IF	Citations
1	A Comprehensive Technological Survey on the Dependable Self-Management CPS: From Self-Adaptive Architecture to Self-Management Strategies. Sensors, 2019, 19, 1033.	2.1	18
2	A Weibull distribution accrual failure detector for cloud computing. PLoS ONE, 2017, 12, e0173666.	1.1	16
3	HEAD: A hybrid mechanism to enforce node cooperation in mobile ad hoc networks. Tsinghua Science and Technology, 2007, 12, 202-207.	4.1	13
4	An Adaptive Failure Detector Based on Quality of Service in Peer-to-Peer Networks. Sensors, 2014, 14, 16617-16629.	2.1	6
5	Bio-Cyber Interface Parameter Estimation with Neural Network for the Internet of Bio-Nano Things. Wireless Personal Communications, 2022, 123, 1245-1263.	1.8	6
6	Performance Improvement of DAG-Aware Task Scheduling Algorithms with Efficient Cache Management in Spark. Electronics (Switzerland), 2021, 10, 1874.	1.8	5
7	SLA-Aware and Energy-Efficient VM Consolidation in Cloud Data Centers Using Host States Naive Bayesian Prediction Model. , 2018, , .		4
8	PerfDBT: Efficient Performance Regression Testing of Dynamic Binary Translation. , 2020, , .		3
9	SLA-Aware and Energy-Efficient VM Consolidation in Cloud Data Centers Using Host State Binary Decision Tree Prediction Model. IEICE Transactions on Information and Systems, 2019, E102.D, 1942-1951.	0.4	2
10	Improving the Dependability of Self-Adaptive Cyber Physical System With Formal Compositional Contract. IEEE Transactions on Reliability, 2020, 69, 1130-1146.	3.5	2
11	Research on CPI Prediction Based on Space-Time Model. , 2020, , .		2
12	An energy-efficient failure detector for vehicular cloud computing. PLoS ONE, 2018, 13, e0191577.	1.1	2
13	DPHM: A fault Detection Protocol based on Heartbeat of multiple Master-nodes. Journal of Electronics, 2007, 24, 544-549.	0.2	1
14	Experimental Analysis and Comparison of Load Prediction Algorithms in Cloud Data Center. , 2019, , .		1
15	B-SEFI: A Binary Level Soft Error Fault Injection Tool. , 2019, , .		1
16	WDBT: Non-volatile memory wear characterization and mitigation for DBT systems. Journal of Systems and Software, 2022, , 111247.	3.3	1
17	RMLIM: A Runtime Machine Learning Based Identification Model for Approximate Computing on Data Flow Graphs. IEEE Transactions on Sustainable Computing, 2022, 7, 201-210.	2.2	0
18	Low-Power Failure Detection for Environmental Monitoring Based on IoT. Sensors, 2021, 21, 6489.	2.1	0

#	Article	IF	Citations
19	Double-Shift: A Low-Power DNN Weights Storage and Access Framework based on Approximate Decomposition and Quantization. ACM Transactions on Design Automation of Electronic Systems, 2022, 27, 1-16.	1.9	0